

sungo (Matt Cashner) - Resume

Website	https://sungo.wtf	Phone	765-598-4301
Email	resume@sungo.wtf	Info	https://sungo.wtf/info.txt

Note: I am only interested in remote-only opportunities. I will not relocate.

About Me

I am what we now call a Site Reliability Engineer with over 20 years of industry experience, ranging from small single system environments to large scale systems involving thousands of servers.

I have extensive development experience, mostly in an operational automation context, as well as systems administration and maintenance. I've been on-call for most of my career and have experience managing incidents and drafting blameless post-mortem analyses.

I have lots of experience in architecture and design, including gathering stakeholder requirements, drafting requirements documents, and carrying them through implementation and production deployment.

In any job, I am looking for the usual challenging work and good diverse people to work with. I need remote-only work with a highly communicative team that is willing to use text chat and video conferencing. I prefer working in large scale environments and enjoy front-line operations. I am not interested in management roles.

Employment History

Neustar

July 2017 - Present

Automation and software development

Time Warner Cable

Mar 2010 - May 2017

Software engineering, architecture, and design for systems automation and monitoring for video-on-demand backend systems, including requirements gathering, detailed design specifications, and stakeholder communication.

Extensive on-call responsibilities, including incident management and authorship of post-mortem analyses.

Architecture / Engineering

- Architected and led the implementation of IP-based live video distribution for the TWCTV iPad app, versions 1 and 2. *The application was subsequently awarded an Emmy Engineering Certificate*
- Architected and implemented automation for video-on-demand content intake, transcoding, and distribution. This self-healing system handled over a thousand TV shows, movies, and advertisements daily with little to no human intervention
- Architected and implemented automation for content metadata (title, description, ratings, artwork, etc) improvement

Software Development

- Workflow and systems automation using Ruby
 - Monitoring and data management UIs (including real-time interfaces with WebSockets) using Ruby, Javascript, MongoDB, and PostgreSQL
 - Monitoring UIs in Splunk
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YouPorn / MidStream Media

May 2009 - Feb 2010

- Application development in Perl
 - Systems programming and automation in Perl and Bash, mostly on Debian Linux
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Singlesnet, Inc

Dec 2007 - Mar 2009

Details available on request

America Online

Feb 2003 - Oct 2007

- Developed cross-platform server and network monitoring system in Perl and C, backed by PostgreSQL

- Developed monitoring dashboards in Perl, via mod_perl
 - Significant deployments of Linux (RHEL), with custom orchestration software
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Databuilt, Inc

Dec 2001 - Feb 2003

Details available on request

The Creative Group

May 2000 - Dec 2001

Details available on request

Education

1996-2000 Bachelors Degree - Asbury College

Publications

Application Design With POE - perl.com - 2 July 2004

<https://sung0.wtf/2004/06/02/application-design-with-poe.html>

Building Applications With POE - perl.com - 22 July 2004

<https://sung0.wtf/2004/07/22/building-applications-with-poe.html>

Getting Started With POE - The Perl Journal - 6 Sep 2005

<https://sung0.wtf/2005/09/06/getting-started-with-poe.html>